

03500.015750.1

PATENT APPLICATION

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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| In re Application of: |) | |
| | : | Examiner: J. Haran |
| KYOTA MIYAZAKI ET AL. |) | |
| | : | Group Art Unit: 1733 |
| Application No.: Divisional of |) | |
| Application No. 09/942,589 | : | |
| |) | |
| Filed: September 15, 2003 | : | |
| (Concurrently herewith) |) | |
| | : | |
| For: INK JET RECORDING HEAD AND |) | |
| METHOD FOR MANUFACTURING | : | |
| INK JET RECORDING HEAD |) | September 15, 2003 |

Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

INFORMATION DISCLOSURE STATEMENT

Sir:

In compliance with the duty of disclosure under 37 C.F.R. § 1.56 and in accordance with the practice under 37 C.F.R. §§ 1.97 and 1.98, the Examiner's attention is directed to the documents listed on the attached Forms PTO-1449.

Each of the listed documents was cited in parent Application No. 09/942,589. In accordance with 37 C.F.R. § 1.98(d), the U.S. Patents and Japanese Patent Applications Laid-Open cited in the parent application are not provided herewith. However, of the two co-pending applications cited in the parent application, one has been published and the other has issued as a patent; copies of the respective publication and patent are enclosed herewith.

For the concise explanation of relevance for Japanese Patent Application Laid-Open No. 9-187952, the Examiner is referred to the discussion at page 3, line 7, to page 3, line 21 of the specification, and to the corresponding English-language abstract.

For the concise explanation of relevance for Japanese Patent Application Laid-Open No. 11-179923, the Examiner is referred to the discussion at page 3, lines 22 to 25 of the specification, and to the corresponding English-language abstract and translation.

For the concise explanation of relevance for Japanese Patent Application Laid-Open No. 11-188873, the Examiner is referred to the discussion at page 3, line 26, to page 4, line 3 of the specification, and to the corresponding English-language abstract.

FORMAL MATTERS

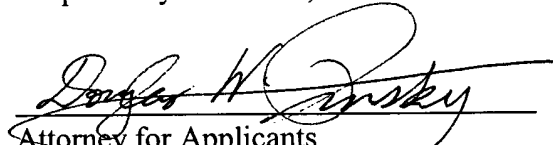
In accordance with 37 C.F.R. § 1.97(b), since this Information Disclosure Statement is being filed concurrently with the subject application, neither a statement under 37 C.F.R. § 1.97(e) nor payment of a fee is required for consideration of this Information Disclosure Statement.

CONCLUSION

Applicants request that the above information be considered by the Examiner and that an initialed copy of the enclosed Form PTO-1449 be returned indicating that such information has been considered.

Applicants' undersigned attorney may be reached in our Washington, D.C. office by telephone at (202) 530-1010. All correspondence should continue to be directed to our below-listed address.

Respectfully submitted,


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| FORM PTO 1449 (modified) U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE | | | ATTY DOCKET NO. 03500.015750.1 | | APPLICATION NO. Divisional of Application No. 09/942,589 | |
| LIST OF REFERENCES CITED BY APPLICANT(S) (Use several sheets if necessary) September 15, 2003 | | | APPLICANT KYOTA MIYAZAKI ET AL. | | | |
| | | | FILING DATE September 15, 2003 | | GROUP 1733 | |

| U.S. PATENT DOCUMENTS | | | | | | | |
|-----------------------|--|--------------------|---------|-----------------|-------|----------|-------------------------------|
| *EXAMINER INITIAL | | DOCUMENT NUMBER | DATE | NAME | CLASS | SUBCLASS | FILING DATE IF APPROPRIATE |
| | | 5,852,456 | 12/1998 | Okada et al. | | | |
| | | 6,511,162 | 01/2003 | Kashino et al. | | | |
| | | 6,471,901 | 10/2002 | Kawamura et al. | | | |
| | | 2002/0071002 | 06/2002 | Kawamura et al. | | | |
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| FOREIGN PATENT DOCUMENTS | | | | | | | |
|--------------------------|--|--------------------|---------|---------|-------|----------|---------------------------------------|
| | | DOCUMENT NUMBER | DATE | COUNTRY | CLASS | SUBCLASS | TRANSLATION YES/NO/ OR ABSTRACT |
| | | JP 9-187952 | 07/1997 | Japan | | | Abstract |
| | | JP 11-179923 | 07/1999 | Japan | | | Abstract/ Computer Translation |
| | | JP 11-188873 | 07/1999 | Japan | | | Abstract |
| | | | | | | | |

| OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.) | | |
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| EXAMINER | DATE CONSIDERED |
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